

**Amendments to the Claims:** This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A low dielectric constant material prepared by curing a mixture comprising
  - (a) a plant oil with an unsaturation,
  - (b) a comonomer, and
  - (c) feather fiber mats comprising feather fibers having an average diameter of 6  $\mu$ m and length of 8 mm,wherein said feather fiber mats are present in an amount of at least 10% by weight in the material.
2. (Previously Presented) The material as claimed in claim 1, wherein said plant oil is soybean oil.
3. (Original) The material as claimed in claim 1, wherein said oil is a triglyceride.
4. (Previously Presented) The material as claimed in claim 1, wherein said feather fiber mats are chicken feather fiber mats.
- 5-10. (Canceled)
11. (Previously Presented) The material as claimed in claim 1, wherein the material has a dielectric constant in the range of 1.7 to 2.7, measured at 25°C and 100 Hz.
12. (Previously Presented) The material as claimed in claim 11, wherein said plant oil is soybean oil.
13. (Previously Presented) The material as claimed in claim 11, wherein said oil is a triglyceride.
14. (Previously Presented) The material as claimed in claim 11, wherein said feather fiber mats are chicken feather fiber mats.

15-16. (Canceled)

17. (Previously Presented) An insulator comprising the material as claimed in claim 1.

18. (Previously Presented) An insulator comprising the material as claimed in claim 11.

19. (Previously Presented) The material as claimed in claim 1, wherein the comonomer is styrene.

20. (Previously Presented) The material as claimed in claim 19, wherein said oil is a triglyceride.

21. (Previously Presented) The material as claimed in claim 20, wherein said feather fiber mats are chicken feather fiber mats.

22. (Canceled)

23. (Previously Presented) The material as claimed in claim 11, wherein the comonomer is styrene.

24. (Previously Presented) The material as claimed in claim 2, wherein said soybean oil is acrylated epoxidized soybean oil.

25. (Previously Presented) The material as claimed in claim 12, wherein said soybean oil is acrylated epoxidized soybean oil.

26. (Currently Amended) A process to make a low dielectric constant material comprising mixing  
a plant oil with an unsaturation,  
a comonomer, and  
feather fiber mats, present in an amount of at least 10% by weight in the material, said mats comprising feather fibers having an average diameter of 6  $\mu$ m and length of 8 mm;  
and subsequently curing the resulting mixture.

27. (Previously Presented) The process as claimed in claim 26, wherein said comonomer is styrene and said plant oil is a triglyceride.

28. (Previously Presented) The material as claimed in claim 1, wherein the feather fiber mats are present in an amount from 10% by weight to 45% by weight in the material.

29. (Previously Presented) The material as claimed in claim 26, wherein the feather fiber mats are present in an amount from 10% by weight to 45% by weight in the material.